

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claim 1. (Currently Amended) Interior rearview mirror for vehicles, comprising a mirror housing in which is accommodated at least one electronics circuit board for at least one sensor, said sensor being arranged in the detection region for signals arriving at the interior rearview mirror from outside, wherein the sensor is seated on a sensor circuit board that is spatially separated from, and connected by signals to, the electronics circuit board, and the sensor circuit board is arranged in the region between an actuator drive of the interior rearview mirror and a mirror glass.

Claim 2. (Cancelled)

Claim 3. (Previously Presented) Interior rearview mirror according to claim 1 wherein the sensor circuit board is attached at the edge of the mirror housing.

Claim 4. (Previously Presented) Interior rearview mirror according to claim 1, wherein the sensor circuit board and the electronics circuit board are connected to one another by at least one flexible line.

Claim 5. (Previously Presented) Interior rearview mirror according to claim 4, wherein the flexible line is a conductive trace.

Claim 6. (Previously Presented) Interior rearview mirror according to claim 1, wherein the sensor circuit board is wirelessly connected by signals to the electronics circuit board.

Claim 7. (Previously Presented) Interior rearview mirror according to claim 1, wherein the sensor is accommodated in a receiving opening in the edge of the mirror housing.

Claim 8. (Previously Presented) Interior rearview mirror according to claim 1, wherein the sensor is centered on the edge of the mirror housing.

Claim 9. (Previously Presented) Interior rearview mirror according to claim 1, wherein the sensor is an EC headlight glare sensor.

Claim 10. (Previously Presented) Interior rearview mirror according to claim 1, wherein the mirror housing has a frame and a cover connected therewith.

Claim 11. (Previously Presented) Interior rearview mirror according to claim 1, further comprising a mirror glass, wherein the mirror glass is an EC mirror glass.

Claim 12. (New) An interior rearview mirror for a vehicle, comprising:
a mirror housing;
at least one electronics circuit board located in said mirror housing;
at least one sensor, said sensor being arranged in the detection region for signals arriving at the interior rearview mirror from outside; and
a sensor circuit board that is spatially separated from, and connected by signals to the electronics circuit board, said sensor circuit board located in said mirror housing, said sensor being operably connected to said sensor circuit board and said sensor is positioned at least partially in said mirror housing.

Claim 13. (New) The interior rearview mirror for a vehicle of claim 12, wherein the sensor circuit board is arranged in the region between an actuator drive of the interior rearview mirror and a mirror glass.

Claim 14. (New) The interior rearview mirror for a vehicle of claim 12, wherein the sensor circuit board is attached at the edge of the mirror housing.

Claim 15. (New) The interior rearview mirror for a vehicle of claim 12, wherein the sensor circuit board and the electronics circuit board are connected to one another by at least one flexible line.

Claim 16. (New) The interior rearview mirror for a vehicle, of claim 12, wherein the sensor is centered on the edge of the mirror housing, and the sensor is an EC headlight glare sensor.